Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092018\
Data File : VF060306.D
Acq On : 20 Sep 2018 19:21
Operator : VA/AP
Sample : J5023-01
Misc : 5.63/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : NB-PIT-1

Quant Time: Sep 21 05:23:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.02	168	114731	50.00	ug/l		-0.01
34) 1,4-Difluorobenzene	5.74	114	186586	50.00	ug/l		-0.01
63) Chlorobenzene-d5	9.90	117	148570	50.00	ug/l		-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	71873	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.99	65	64231	41.58	ug/l		-0.01
Spiked Amount 50.000			Recovery = 83.16%				
35) Dibromofluoromethane	4.27	113	76287	45.87	ug/l		-0.01
Spiked Amount 50.000			Recovery = 91.74%				
50) Toluene-d8	7.68	98	171293	39.55	ug/l		-0.02
Spiked Amount 50.000			Recovery = 79.10%				
62) 4-Bromofluorobenzene	11.50	95	70021	37.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 74.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.98	85	374	Below Cal			98
5) Bromomethane	1.48	94	205	Below Cal			82
11) Tert butyl alcohol	2.67	59	696	Below Cal		#	1
13) Acrolein	1.95	56	983	Below Cal			99
15) Acrylonitrile	3.05	53	1864	8.54	ug/l	#	60
16) Acetone	2.32	43	14497	33.32	ug/l		94
17) Carbon Disulfide	1.86	76	244	Below Cal		#	1
18) Methyl Acetate	2.42	43	1334	1.84	ug/l	#	80
20) Methylene Chloride	2.28	84	3900	Below Cal		#	63
29) Tetrahydrofuran	4.11	42	380	1.77	ug/l		96
41) Methacrylonitrile	4.88	41	580	1.09	ug/l	#	80
49) 1,4-Dioxane	6.88	88	67	9.01	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.39	43	3081	3.37	ug/l		99
52) Toluene	7.76	92	10730	3.21	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.75	63	2665	24.63	ug/l		100
59) 2-Hexanone	9.62	43	5110	7.85	ug/l		82
78) n-propylbenzene	11.68	91	1280	Below Cal		#	66
85) sec-Butylbenzene	12.37	105	1078	Below Cal			98
86) p-Isopropyltoluene	12.52	119	1805	Below Cal			96
89) n-Butylbenzene	12.91	91	2056	Below Cal			75
95) Naphthalene	14.50	128	3241	1.03	ug/l	#	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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Sample : J5023-01
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

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Quant Title : SW846 8260
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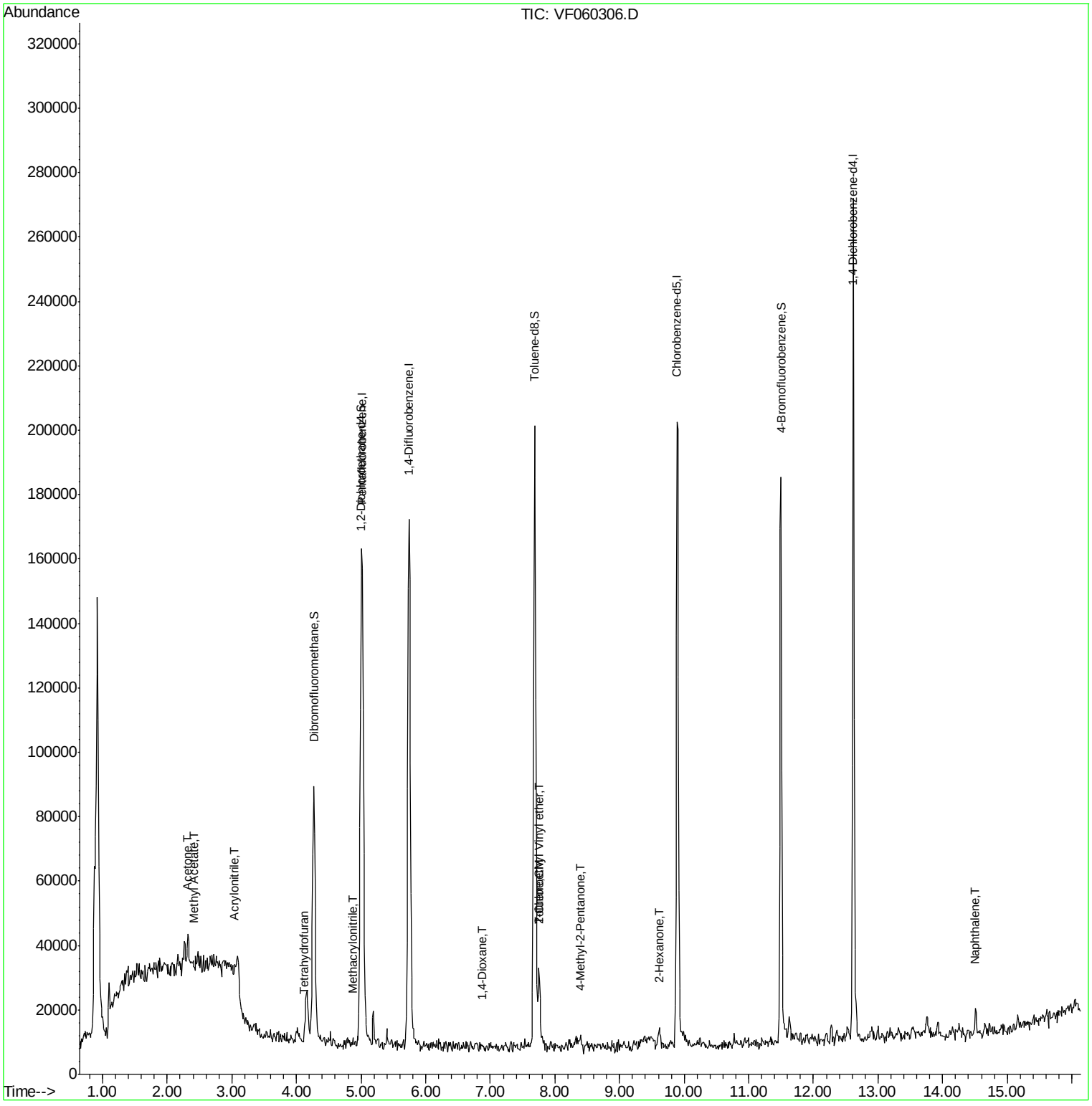
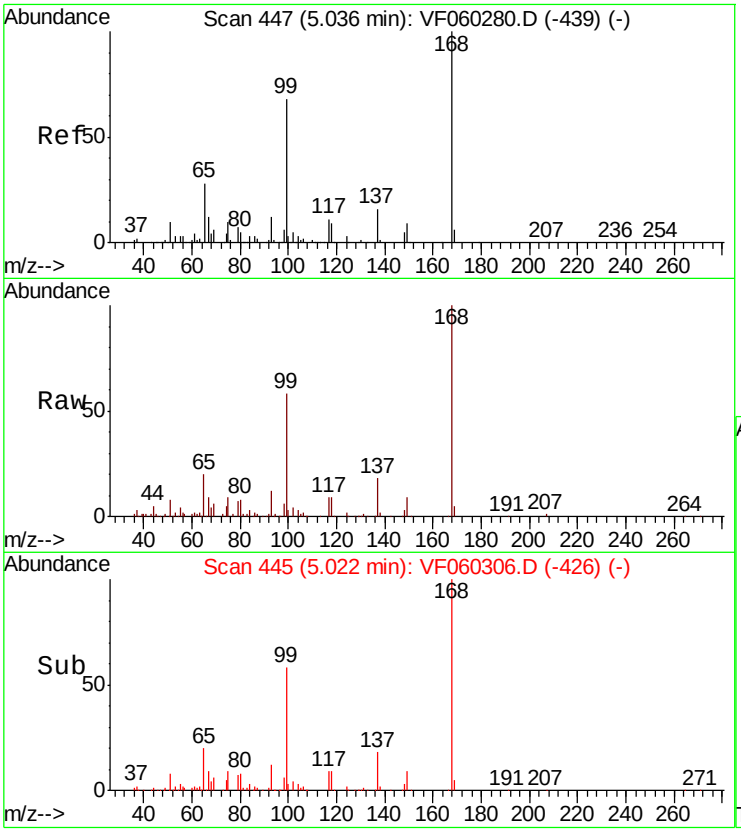


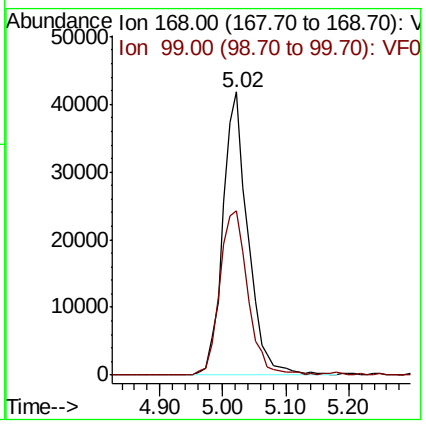


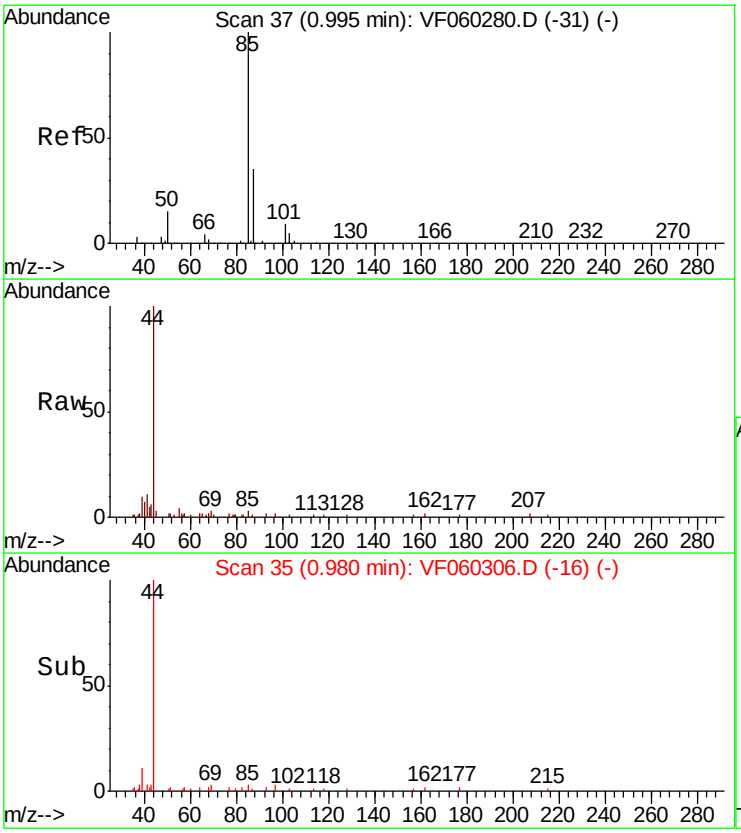
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.02 min Scan# 445
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

Tgt Ion:168 Resp: 114731

Ion	Ratio	Lower	Upper
168	100		
99	58.2	54.8	82.2

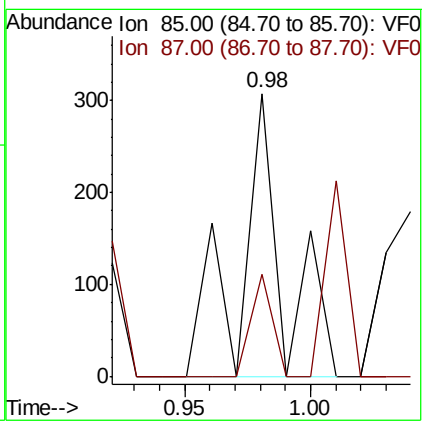


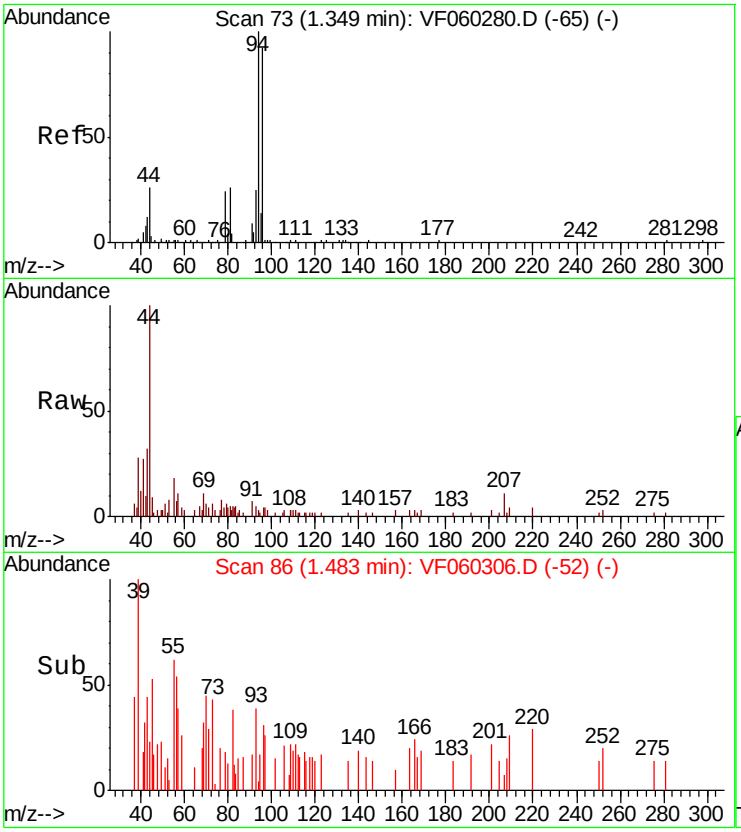


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.98 min Scan# 35
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 85 Resp: 374

Ion	Ratio	Lower	Upper
85	100		
87	36.0	17.3	52.0



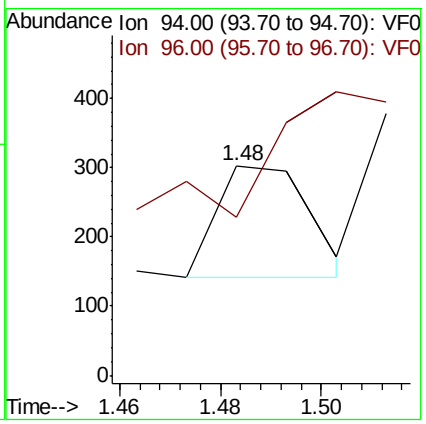


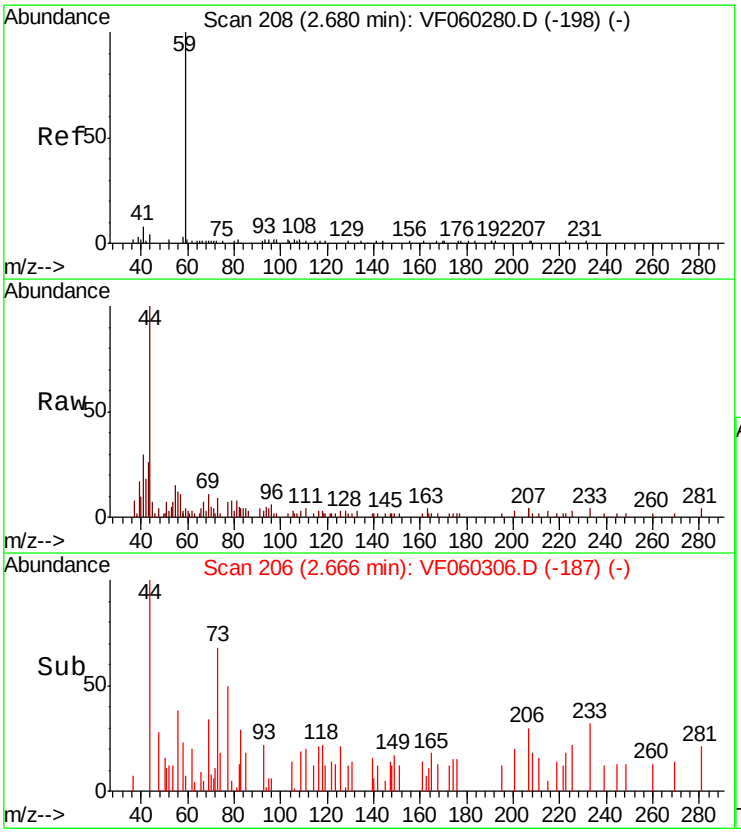
#5
Bromomethane
Concen: Below Cal
RT: 1.48 min Scan# 86
Delta R.T. 0.13 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument : MSVOA_F
ClientSampleId : NB-PIT-1

Tgt Ion: 94 Resp: 205

Ion	Ratio	Lower	Upper
94	100		
96	75.2	73.9	110.9

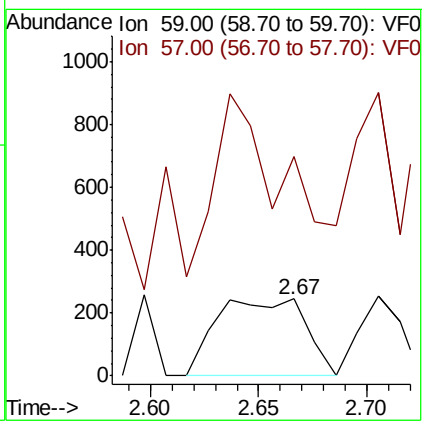


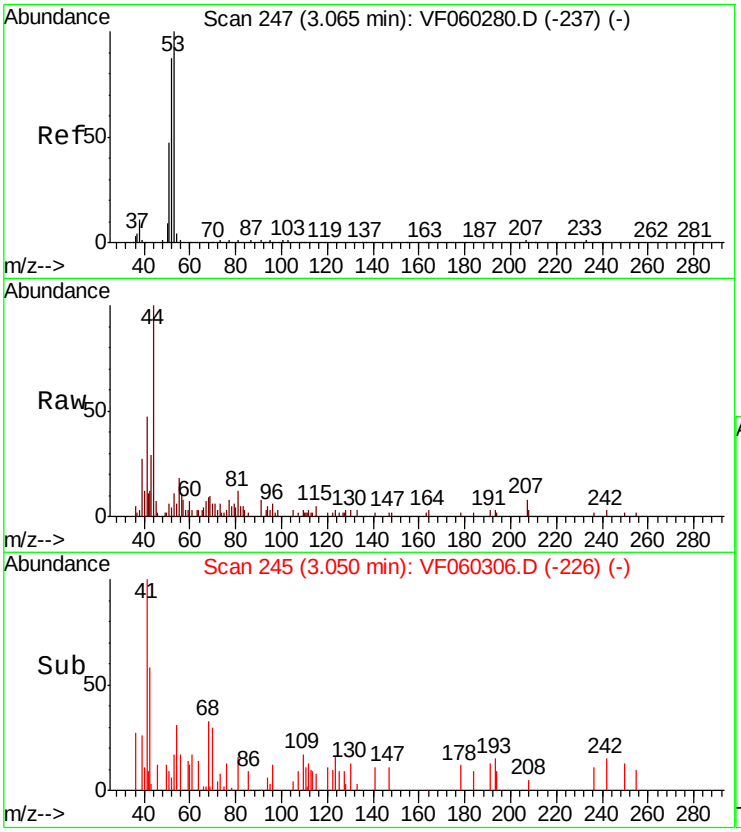


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.67 min Scan# 206
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 59 Resp: 696

Ion	Ratio	Lower	Upper
59	100		
57	285.7	12.4	18.6#



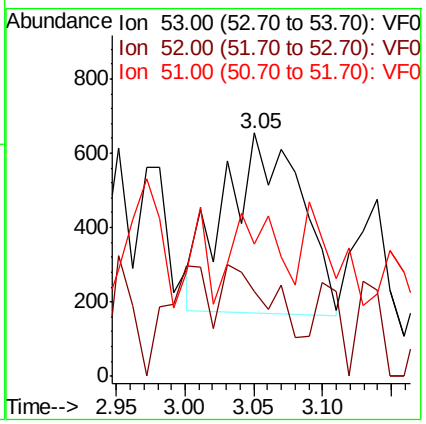


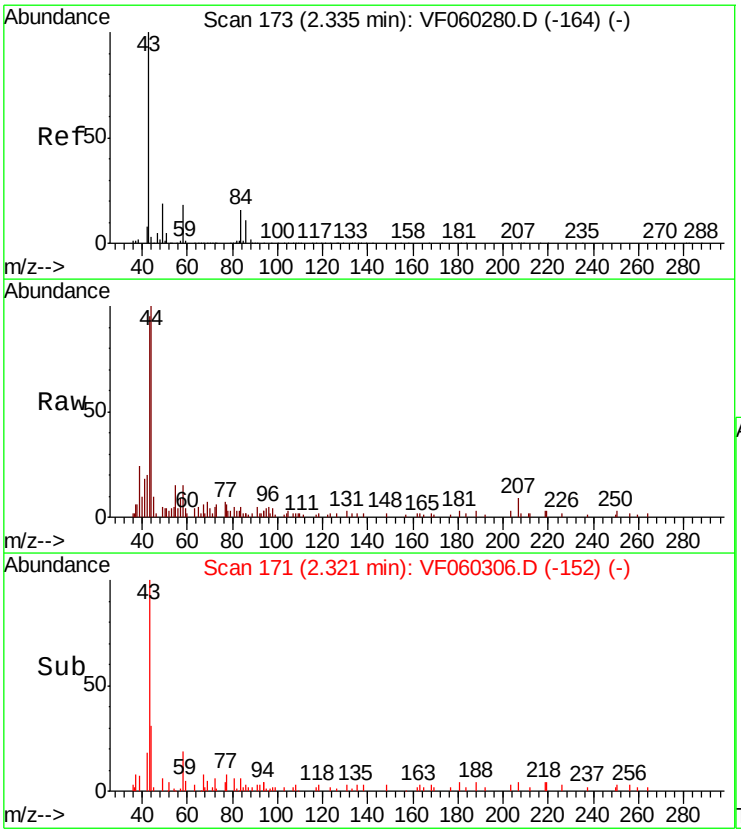
#15
Acrylonitrile
Concen: 8.54 ug/l
RT: 3.05 min Scan# 245
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument : MSVOA_F
ClientSampleId : NB-PIT-1

Tgt Ion: 53 Resp: 1864

Ion	Ratio	Lower	Upper
53	100		
52	35.0	69.5	104.3#
51	54.2	38.1	57.1

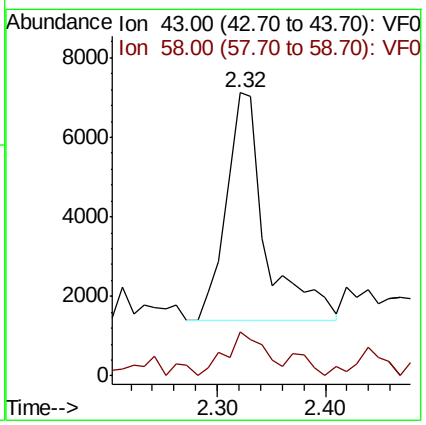


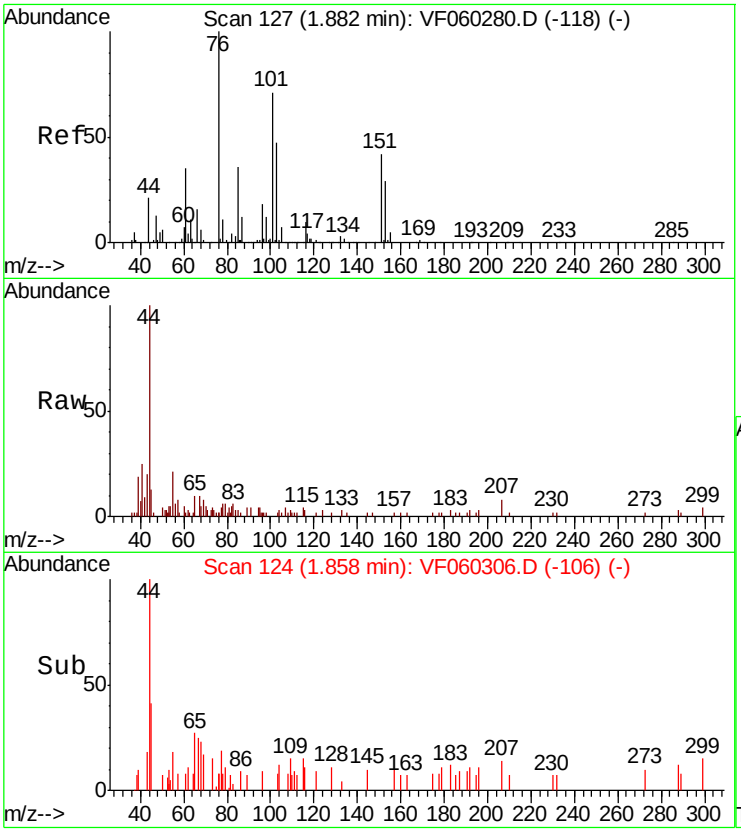


#16
Acetone
Concen: 33.32 ug/l
RT: 2.32 min Scan# 171
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 43 Resp: 14497

Ion	Ratio	Lower	Upper
43	100		
58	15.3	14.5	21.7



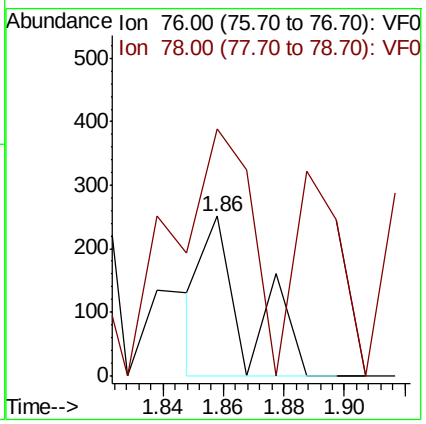


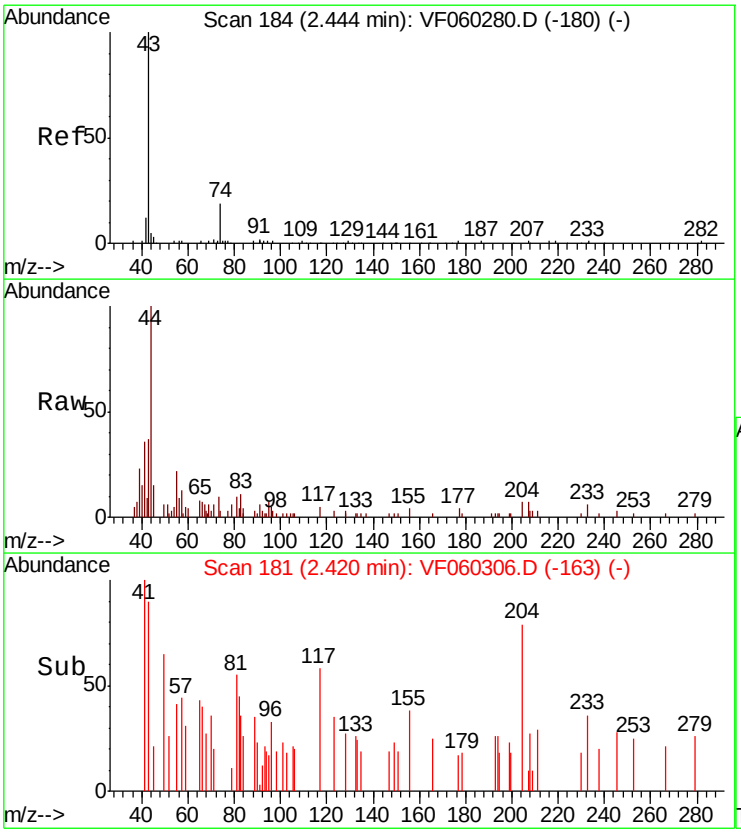
#17
Carbon Disulfide
Concen: Below Cal
RT: 1.86 min Scan# 124
Delta R.T. -0.02 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

Tgt Ion: 76 Resp: 244

Ion	Ratio	Lower	Upper
76	100		
78	155.0	9.4	14.0#

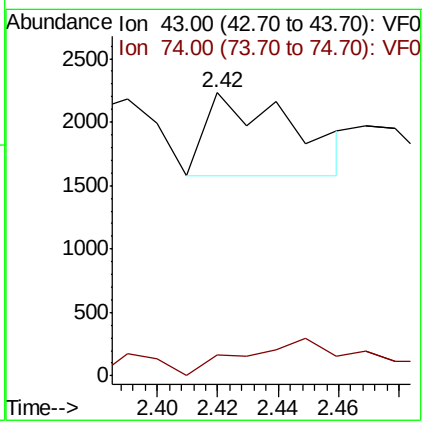


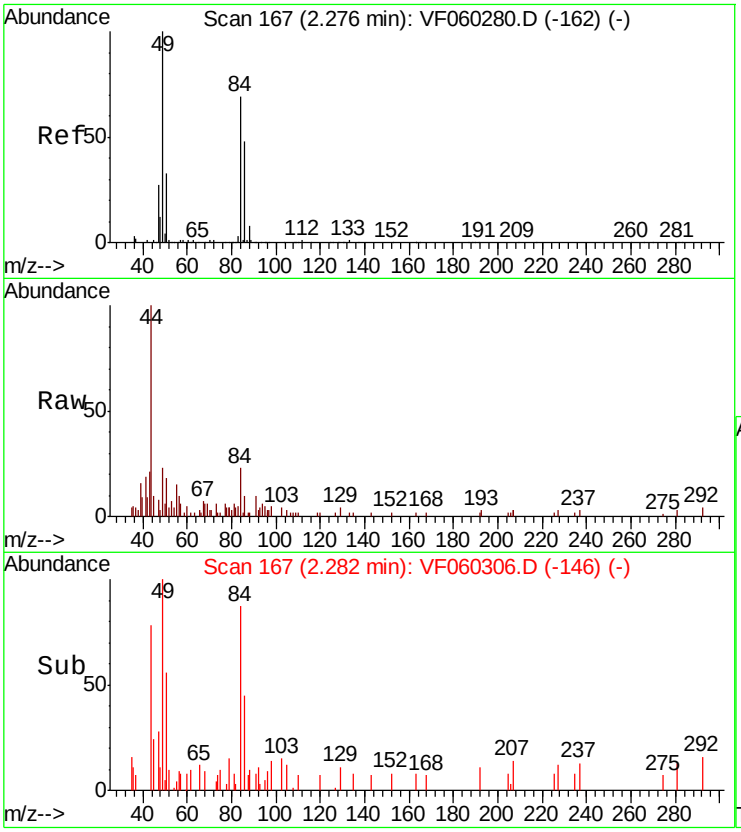


#18
Methyl Acetate
Concen: 1.84 ug/l
RT: 2.42 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 43 Resp: 1334

Ion	Ratio	Lower	Upper
43	100		
74	7.6	12.7	19.1#



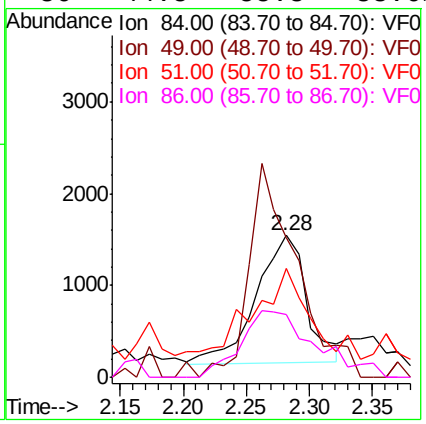


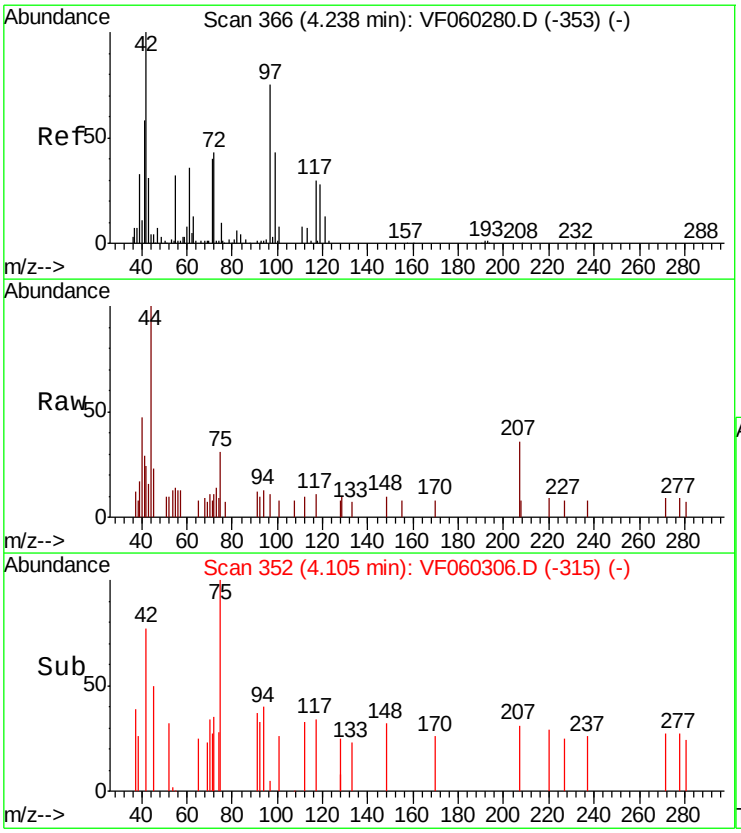
#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. 0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument : MSVOA_F
ClientSampleId : NB-PIT-1

Tgt Ion: 84 Resp: 3900

Ion	Ratio	Lower	Upper
84	100		
49	98.9	118.3	177.5#
51	77.2	38.7	58.1#
86	44.5	55.8	83.6#

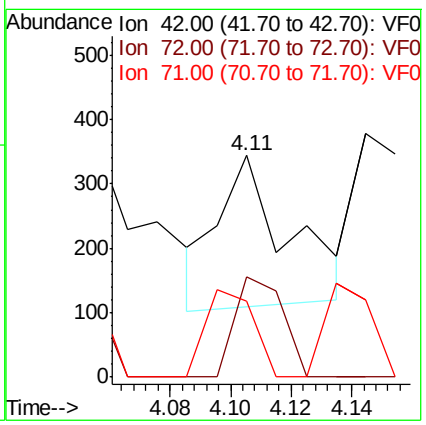


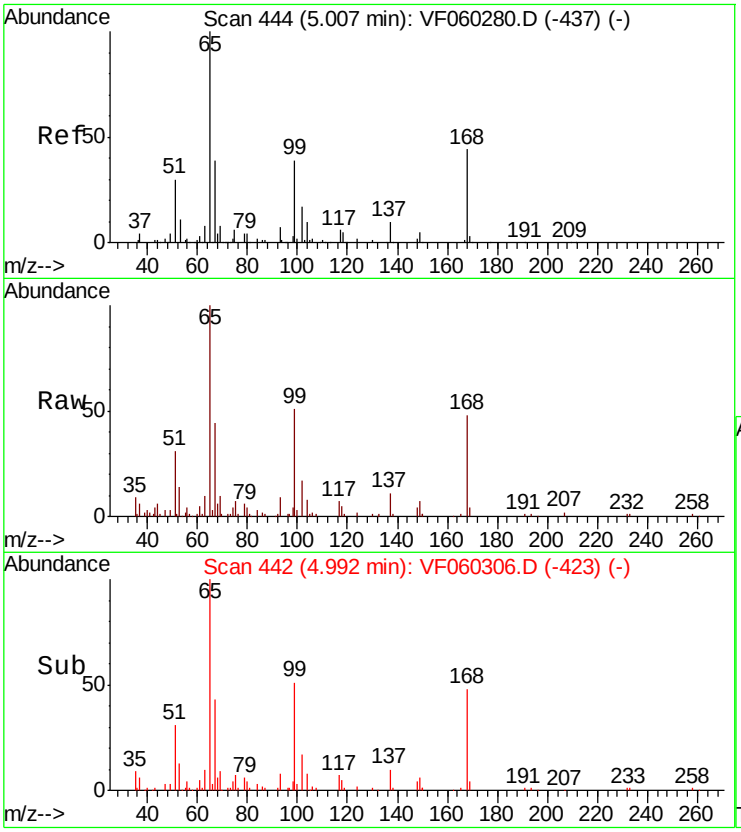


#29
Tetrahydrofuran
Concen: 1.77 ug/l
RT: 4.11 min Scan# 352
Delta R.T. -0.13 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 42 Resp: 380

Ion	Ratio	Lower	Upper
42	100		
72	44.7	32.6	49.0
71	39.5	32.7	49.1



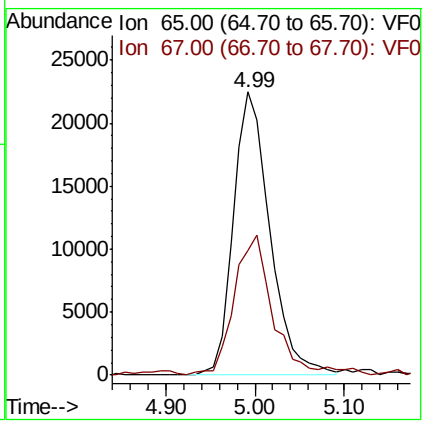


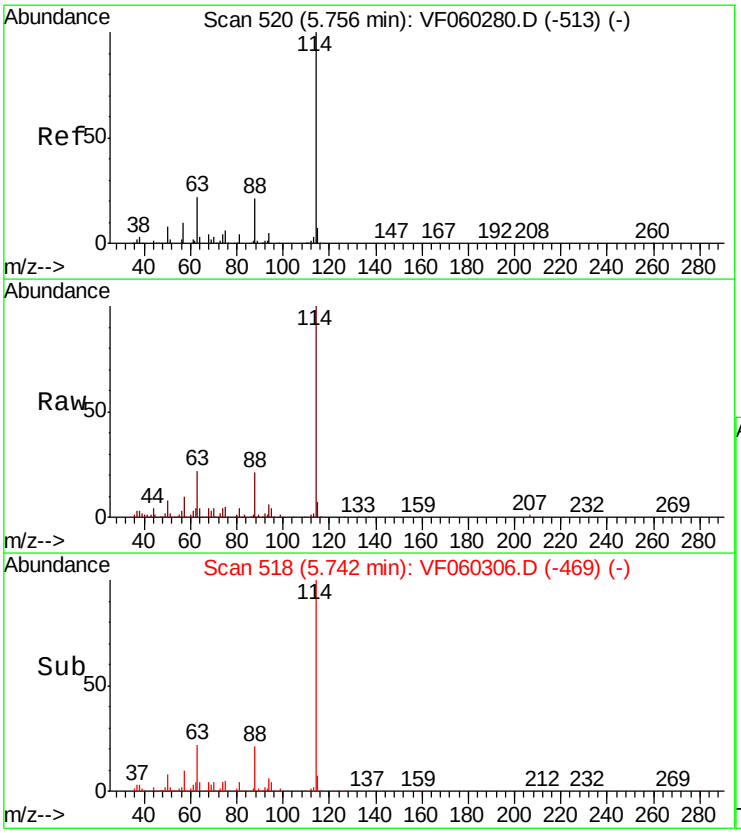
#33
1,2-Dichloroethane-d4
Concen: 41.58 ug/l
RT: 4.99 min Scan# 442
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

Tgt Ion: 65 Resp: 64231

Ion	Ratio	Lower	Upper
65	100		
67	44.0	0.0	94.4

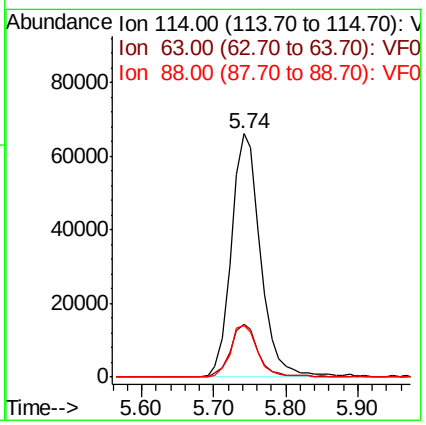


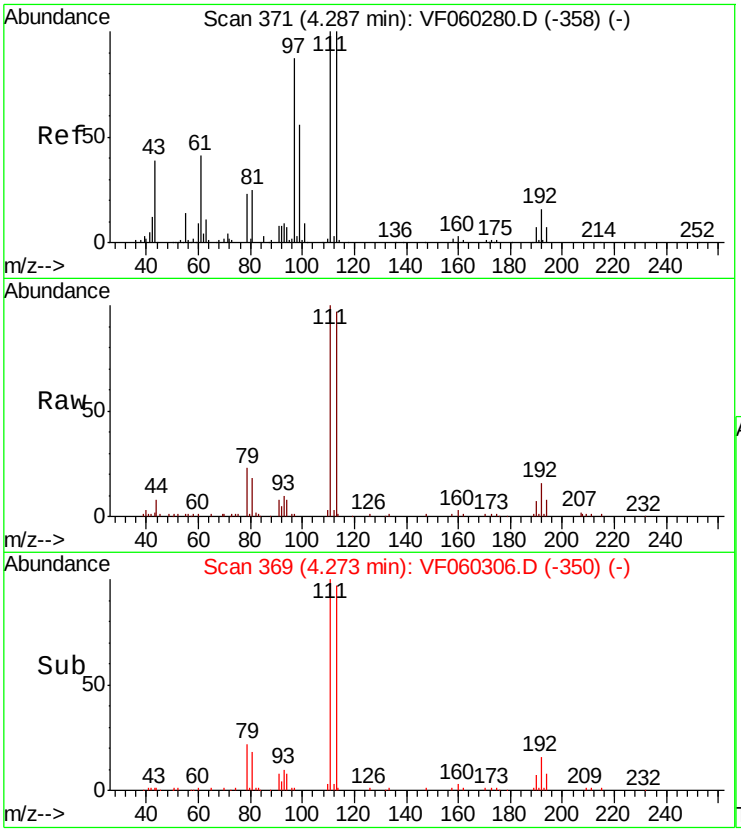


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.74 min Scan# 518
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion:114 Resp: 186586

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.8
88	21.2	0.0	41.2



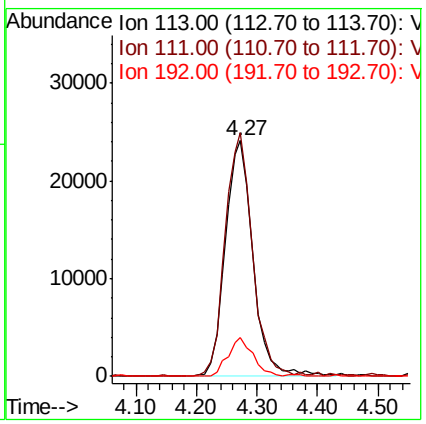


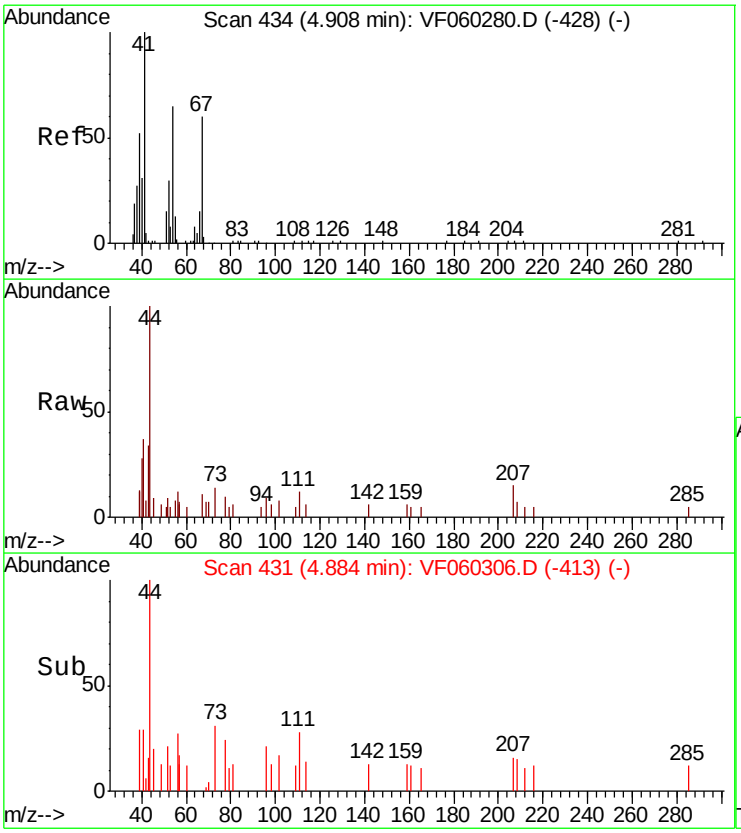
#35
Dibromofluoromethane
Concen: 45.87 ug/l
RT: 4.27 min Scan# 369
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

Tgt Ion:113 Resp: 76287

Ion	Ratio	Lower	Upper
113	100		
111	103.3	79.6	119.4
192	16.3	13.0	19.6

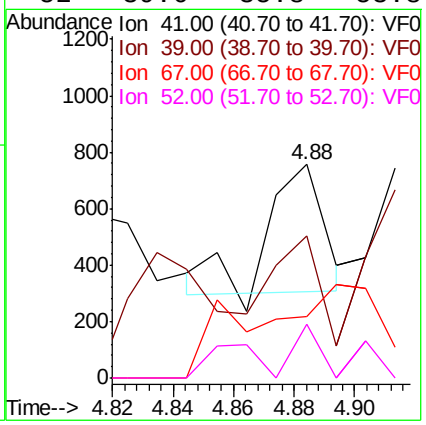


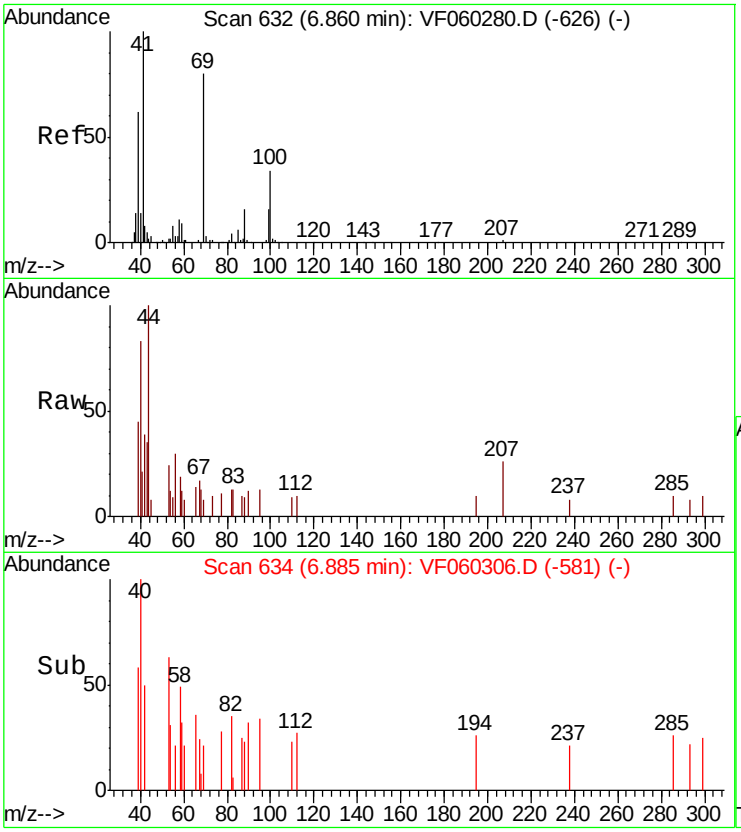


#41
Methacrylonitrile
Concen: 1.09 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.02 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 41 Resp: 580

Ion	Ratio	Lower	Upper
41	100		
39	66.4	49.1	73.7
67	28.5	48.2	72.4#
52	39.6	35.8	53.8



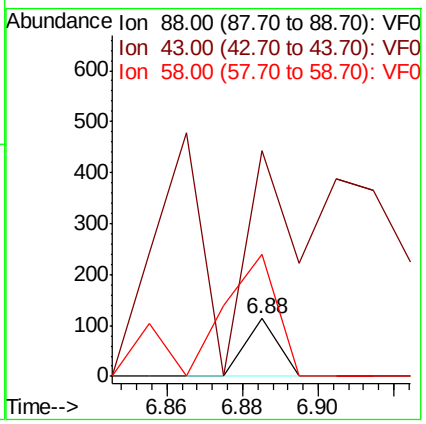


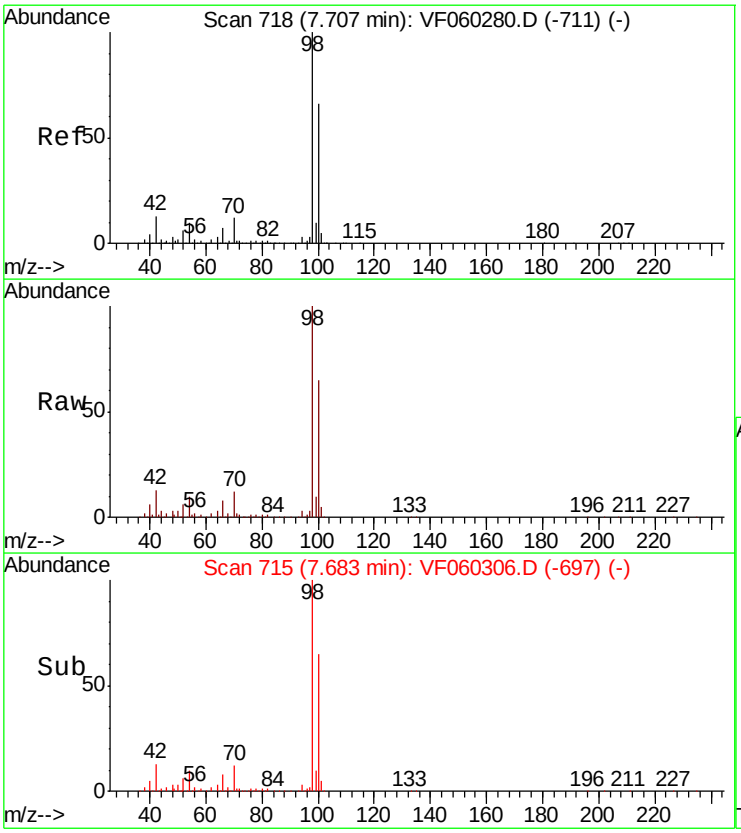
#49
1,4-Dioxane
Concen: 9.01 ug/l
RT: 6.88 min Scan# 634
Delta R.T. 0.03 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	388.6	40.2	60.4#
58	210.5	56.7	85.1#

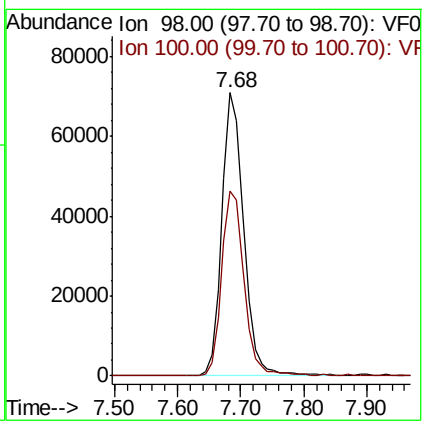


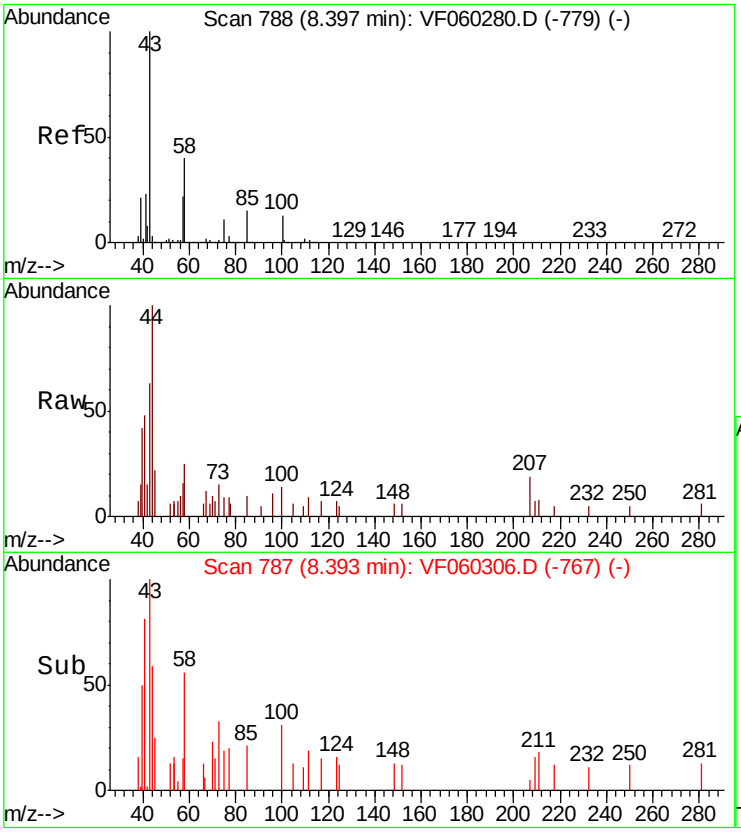


#50
Toluene-d8
Concen: 39.55 ug/l
RT: 7.68 min Scan# 715
Delta R.T. -0.02 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 98 Resp: 171293

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6



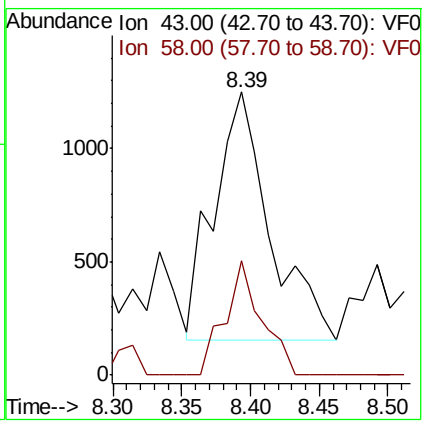


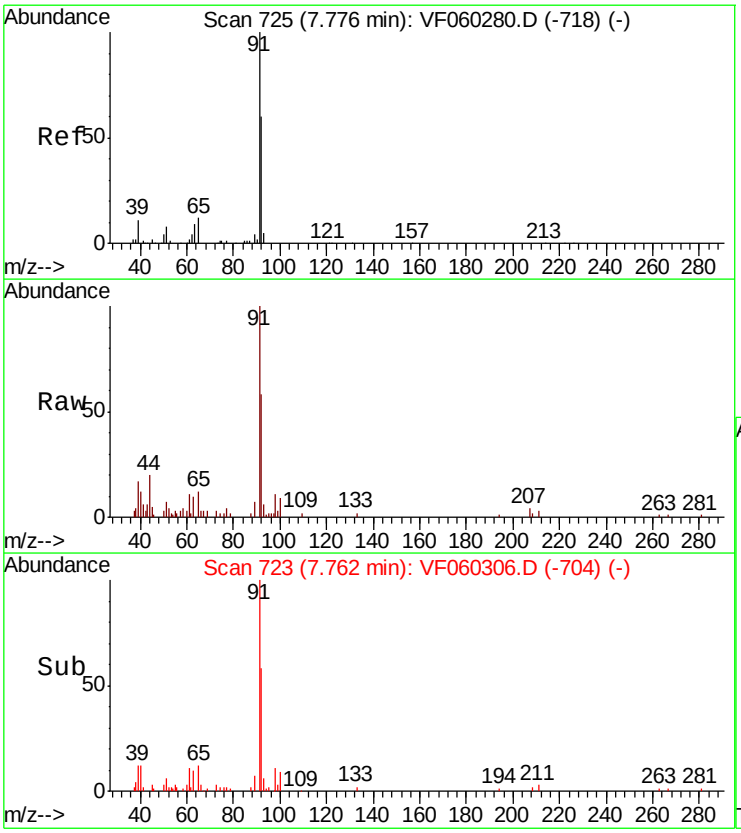
#51
4-Methyl-2-Pentanone
Concen: 3.37 ug/l
RT: 8.39 min Scan# 787
Delta R.T. -0.00 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument : MSVOA_F
ClientSampleId : NB-PIT-1

Tgt Ion: 43 Resp: 3081

Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.8	47.8

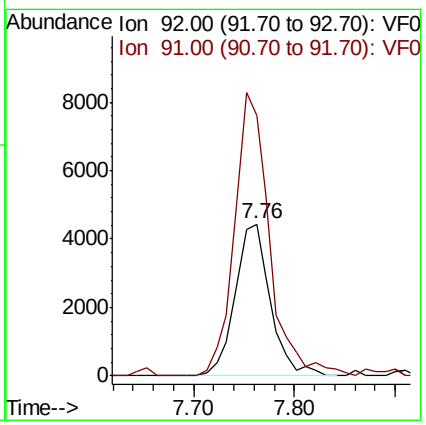


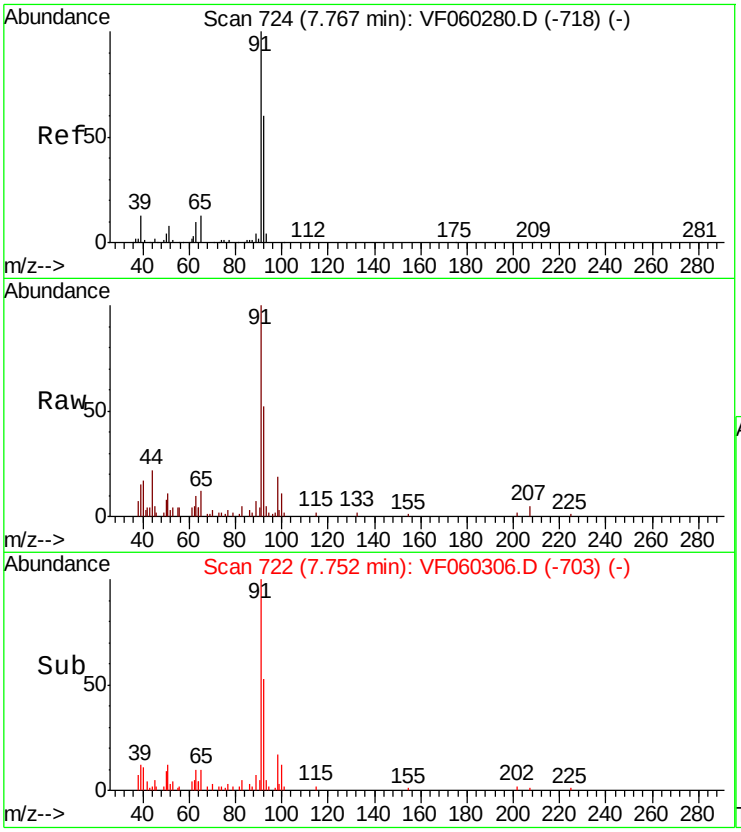


#52
Toluene
Concen: 3.21 ug/l
RT: 7.76 min Scan# 723
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 92 Resp: 10730

Ion	Ratio	Lower	Upper
92	100		
91	171.3	133.3	199.9



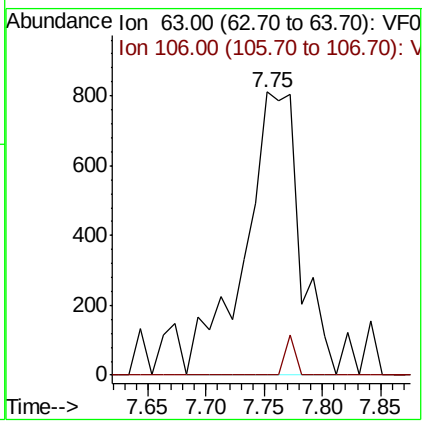


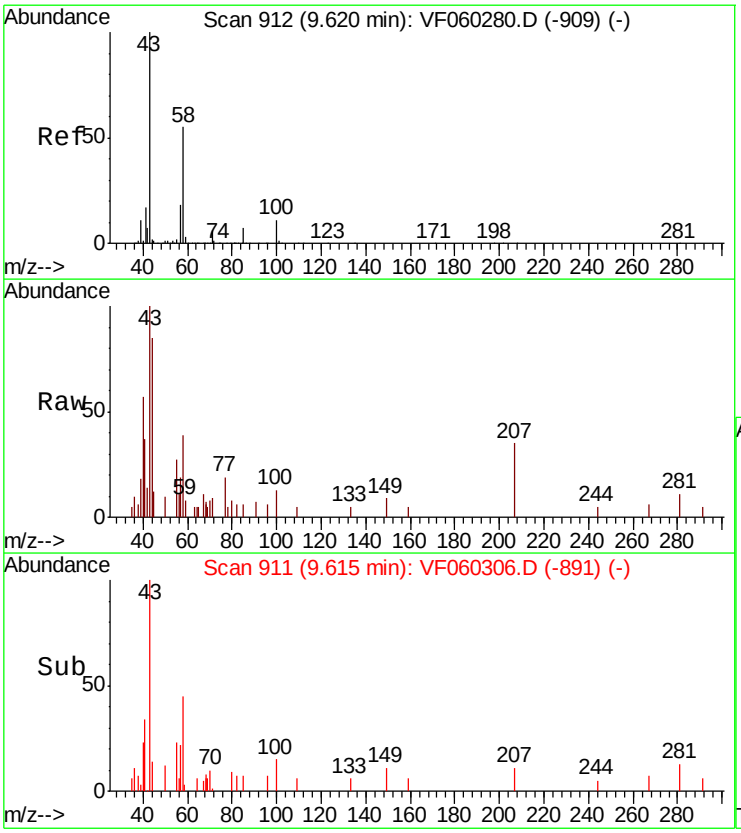
#58
2-Chloroethyl Vinyl ether
Concen: 24.63 ug/l
RT: 7.75 min Scan# 722
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

Tgt Ion: 63 Resp: 2665

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

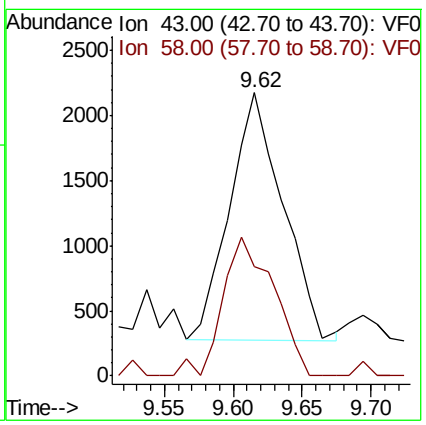


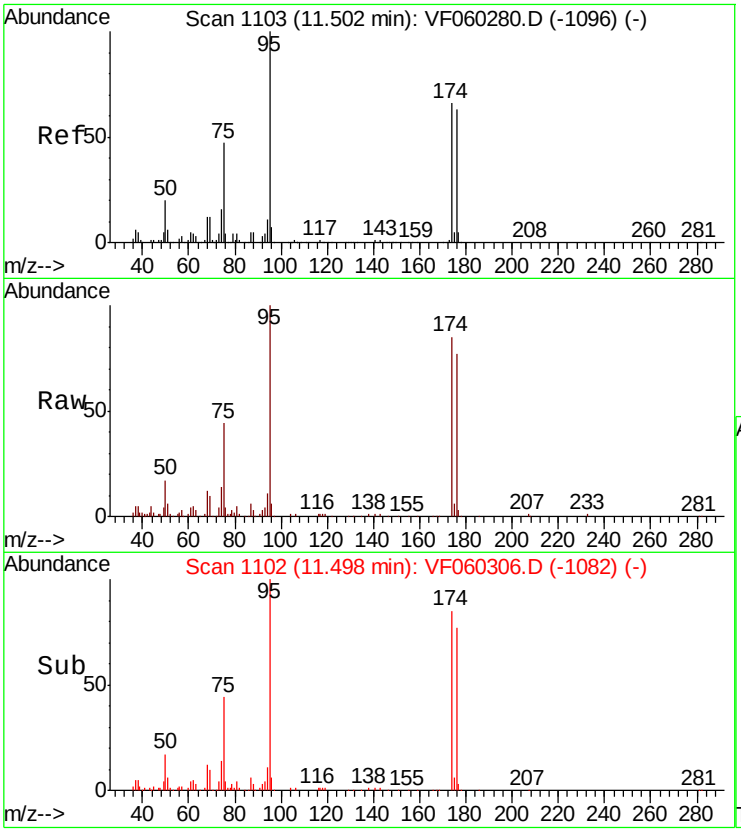


#59
2-Hexanone
Concen: 7.85 ug/l
RT: 9.62 min Scan# 911
Delta R.T. -0.00 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 43 Resp: 5110

Ion	Ratio	Lower	Upper
43	100		
58	38.8	25.9	77.6



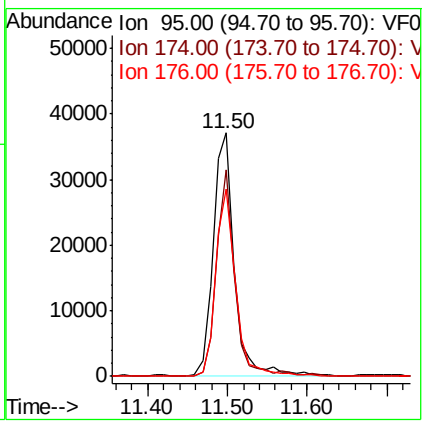


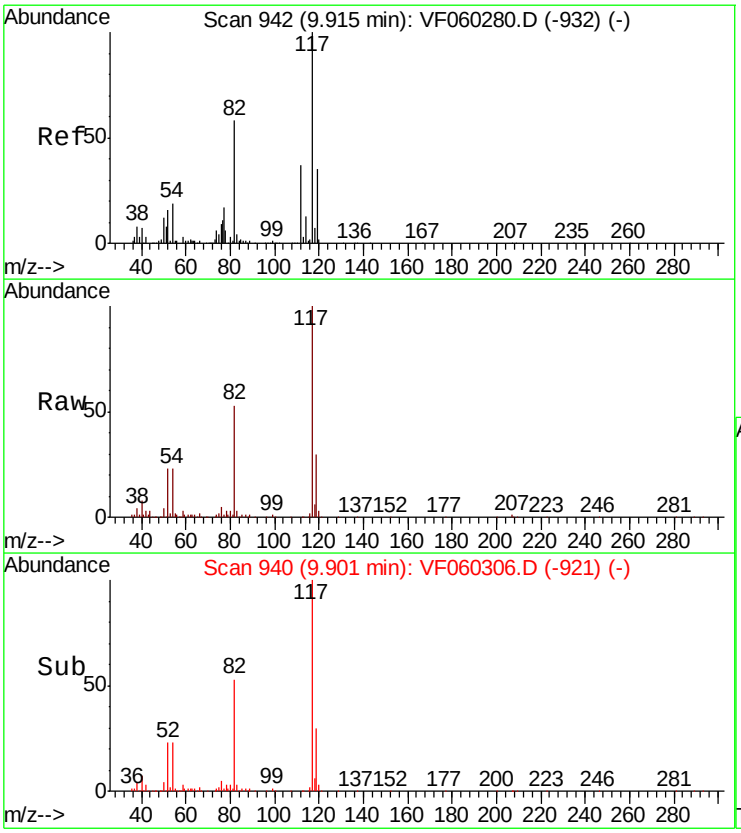
#62
4-Bromofluorobenzene
Concen: 37.40 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

Tgt Ion: 95 Resp: 70021

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	131.2
176	76.8	0.0	126.6

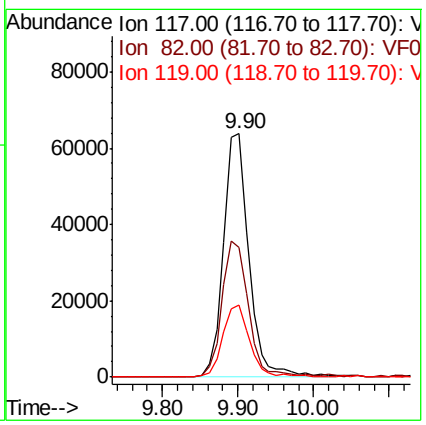


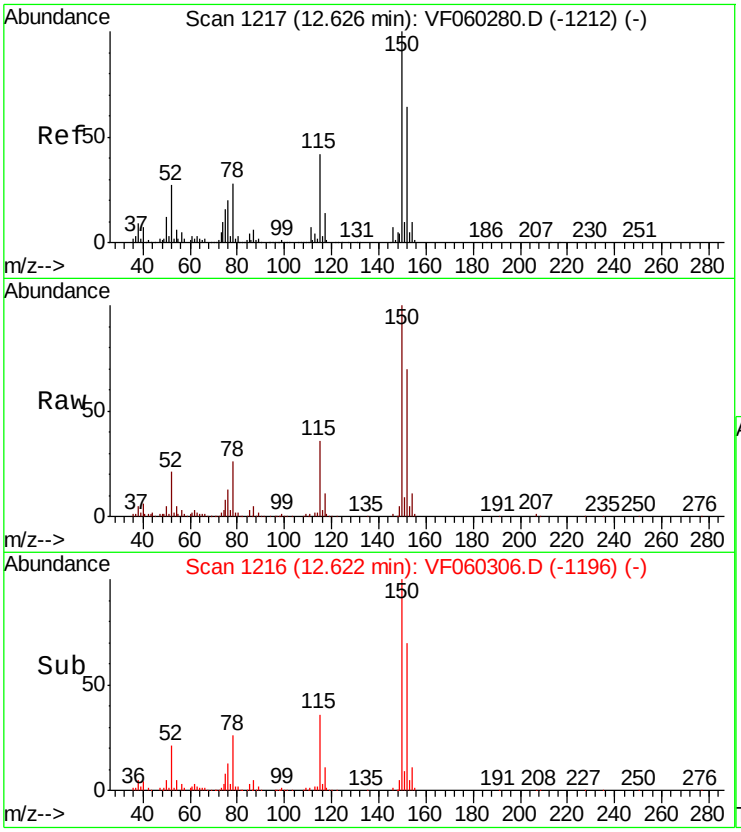


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion:117 Resp: 148570

Ion	Ratio	Lower	Upper
117	100		
82	53.1	46.2	69.2
119	29.8	27.8	41.6



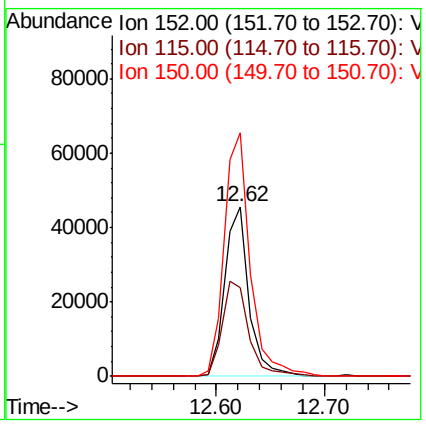


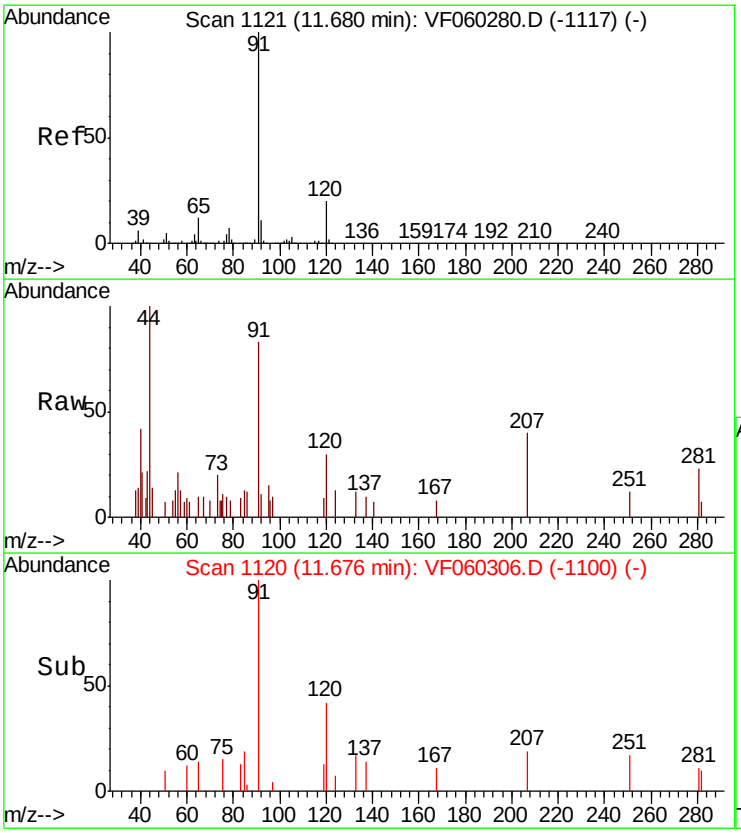
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument : MSVOA_F
ClientSampleId : NB-PIT-1

Tgt Ion:152 Resp: 71873

Ion	Ratio	Lower	Upper
152	100		
115	52.0	32.6	97.8
150	143.3	0.0	314.2

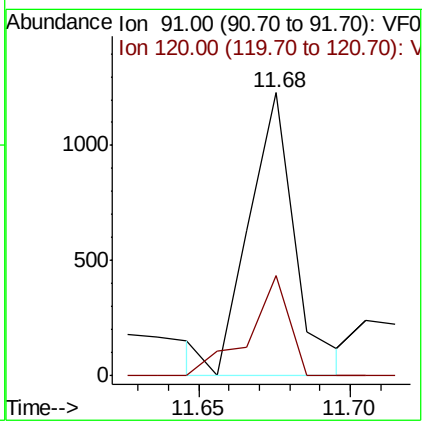


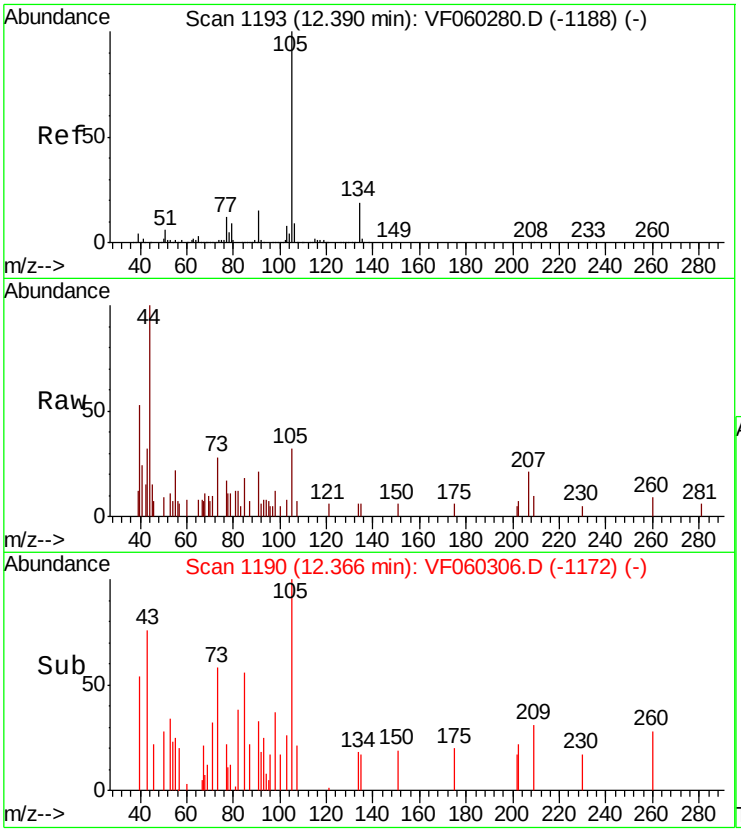


#78
n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion: 91 Resp: 1280

Ion	Ratio	Lower	Upper
91	100		
120	35.4	10.0	29.8#



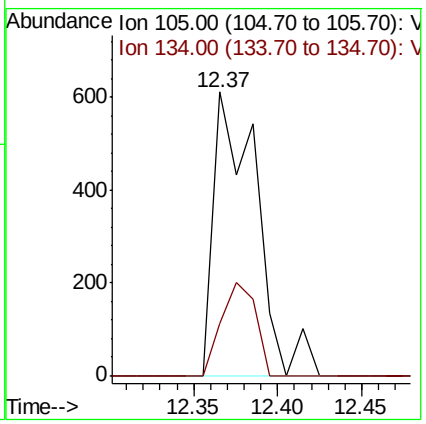


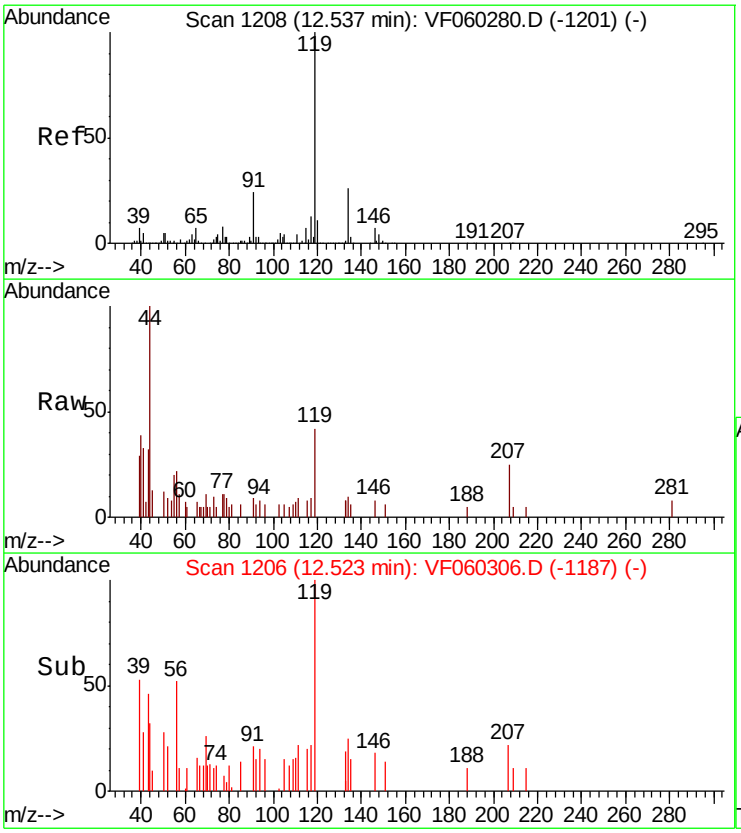
#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.37 min Scan# 1190
Delta R.T. -0.02 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

Tgt Ion:105 Resp: 1078

Ion	Ratio	Lower	Upper
105	100		
134	18.3	9.6	28.6

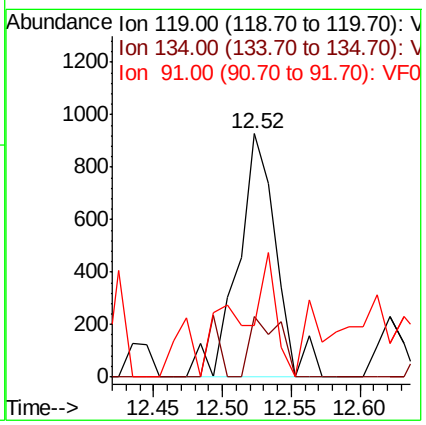


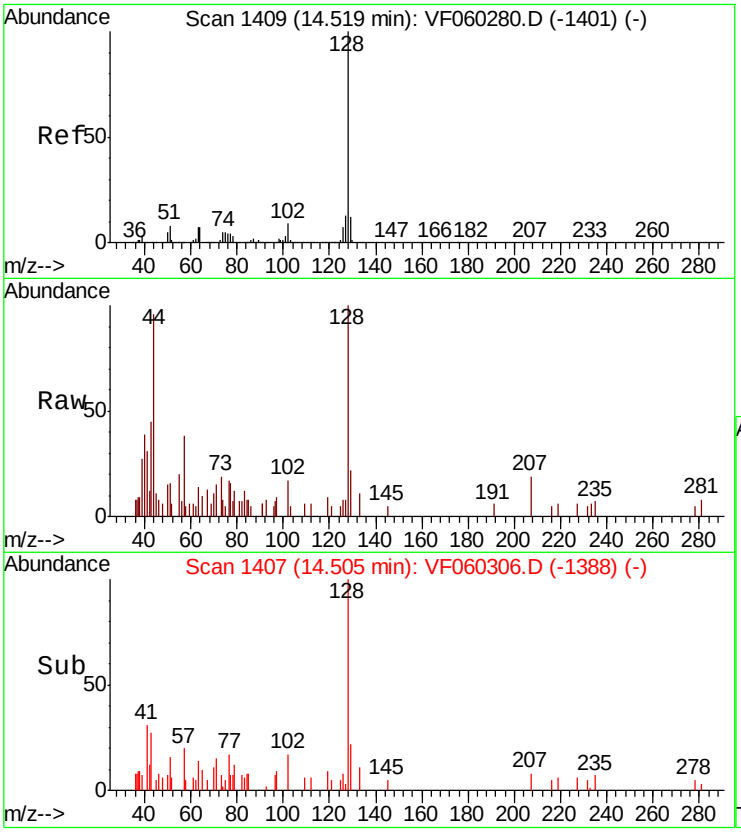


#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.52 min Scan# 1206
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Tgt Ion:119 Resp: 1805

Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.9	38.7
91	21.0	11.9	35.7





#95
Naphthalene
Concen: 1.03 ug/l
RT: 14.50 min Scan# 1407
Delta R.T. -0.01 min
Lab File: VF060306.D
Acq: 20 Sep 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-1

Tgt Ion:128 Resp: 3241

Ion	Ratio	Lower	Upper
128	100		
127	7.7	10.1	15.1#
129	21.8	9.8	14.8#